

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
L1	0	422/100..ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 09:23
L2	3925	422/100.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 09:23
L3	1765	l2 and (pipette or dispenser or dispenser device or pipette system)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 09:23
L4	149	l3 and driver	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 09:24
L5	126	l4 and plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/09/10 09:31
L6	0	dispenser and dispenser driver and plate and control unit.clm.	US-PGPUB	ADJ	ON	2007/09/10 09:32

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	3809	422/100.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 15:41
S2	337138	"422".clas. or "73".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 15:42
S3	309944	S2 and @pd<"20040211"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 15:43
S4	76071	S3 and fluid	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 15:43
S5	9788	S4 and nozzle	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 15:43
S6	608	S5 and syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 16:28
S7	31845	dispensing device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 16:28

## EAST Search History

S8	25323	S7 and @pd<"20040211"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 16:30
S9	6903	S8 and (nozzle or tip)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 16:31
S10	127	S9 and pressure sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/07 16:31
S11	47425	multi channel or multichannel or multi-channel or multipipette or multi-pipette or multi pipette	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/08 07:17
S12	72232	multi channel or multichannel or multi-channel or multipipette or multi-pipette or multi pipette	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:17
S13	50738	S12 and @pd<"20040211"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:21
S14	26	S13 and 422/131.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:24

## EAST Search History

S15	762	S13 and "422".clas.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:24
S16	0	S15 and presure sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:24
S17	50	S15 and pressure sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:28
S18	72695	well plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:28
S19	37933	S18 and @pd<"20040211"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:30
S20	10285	S19 and (syringe or pipette)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:47
S21	85	S19 and plurality near5 (syringe or pipette)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:40

## EAST Search History

S22	0	S20 and pressure sensor near syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:41
S23	8061260	r	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:41
S24	0	S20 and pressure sensor near syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 07:41
S25	92	S20 and (removable or detach or disposable) adj2 pipette	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:12
S26	0	S20 and sensor adj hole adj syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:13
S27	0	S13 and sensor adj hole adj syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:13
S28	2	S13 and sensor adj5 hole adj5 syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:14

## EAST Search History

S29	8125135	well or plate	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:15
S30	11895	S29 and (dispenser or aspirator or dispensation or aspiration) adj3 (device or apparatus)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:16
S31	7935	S30 and @pd<"20040211"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:17
S32	28	S31 and (inlet or hole) adj5 syringe	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:23
S33	179133	syringe or pipette	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:23
S34	2985	S33 and pressure adj sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:24
S35	1582	S34 and @pd<"20040211"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:24

## EAST Search History

S36	89	S35 and pressure sensor adj9 (syringe or pipette)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 08:25
S37	363	atake.in.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 09:26
S38	65	atake.as.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 09:27
S39	0	("0215534").PN.	EPO	OR	OFF	2007/05/08 09:28
S40	0	("epa215534").PN.	EPO	OR	OFF	2007/05/08 09:28
S41	0	("ep215534").PN.	EPO	OR	OFF	2007/05/08 10:11
S42	0	("epa169071").PN.	EPO	OR	OFF	2007/05/08 10:11
S43	0	("0169071").PN.	EPO	OR	OFF	2007/05/08 10:11
S44	0	("a169071").PN.	EPO	OR	OFF	2007/05/08 10:15
S45	0	("0215534").PN.	EPO	OR	OFF	2007/05/08 10:15
S46	0	"215534"	EPO	ADJ	ON	2007/05/08 10:15
S47	31	"215534"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:21
S48	8	"2243962"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:21

## EAST Search History

S49	31	"243962"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:21
S50	0	"22-43962"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:23
S51	38	"169071"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:24
S52	34	"341438"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:35
S53	20	"499545"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:37
S54	25	"4151750"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:39
S55	39	"4399711"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 10:39



## EAST Search History

S56	495	(pipette or syringe) adj5 frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 11:38
S57	6	S56 and pressure sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 11:39
S58	0	"222""."135".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 11:39
S59	1647	"222/135".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 12:44
S60	23	S59 and pressure sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 11:45
S61	3812	"422/100".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/08 12:45
S62	539	dispenser frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 09:56

## EAST Search History

S63	0	S62 and @pd<"20030214"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 09:57
S64	403	S62 and @pd<"20030214"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 09:58
S65	17	S64 and (pipette or syringe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 10:03
S66	8	"6354471"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 10:31
S67	9878	well plate and (dispensation or dispensing or pipetting)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 10:32
S68	2728	S67 and @pd<"20030213"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 10:35
S69	833	S68 and (pipetter or syringe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 10:35

## EAST Search History

S70	1269	S68 and (pipette or syringe)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 10:59
S71	2002	S67 and motor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 11:05
S72	1396	S71 and frame	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 11:05
S73	331	S72 and @pd<"20030212"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 11:24
S74	1	"06331632"	JPO	ADJ	ON	2007/05/09 11:28
S75	1	"05117045"	JPO	ADJ	ON	2007/05/09 11:28
S76	18	"5499545"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/05/09 15:16
S77	8	("3591056"   "4675130"   "4777832"   "4794085"   "5013529"   "5143819"   "5158748"   "5380486").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/09 15:55
S78	19	("5380486").URPN.	USPAT	ADJ	ON	2007/05/09 15:57
S79	19	("5380486").URPN.	USPAT	ADJ	ON	2007/05/09 15:57
S80	19	("5380486").URPN.	USPAT	ADJ	ON	2007/05/09 16:52
S81	40	"5224572"	USPAT	ADJ	ON	2007/05/10 07:52
S86	15	"5499545"	USPAT	ADJ	ON	2007/05/10 11:39
S87	15	"6143252"	USPAT	ADJ	ON	2007/05/10 11:39

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	6	sample dispense device	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:50
S2	2	multichannel pippetor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:51
S3	0	"222""."""135".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:51
S4	1647	"222/135".ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:53
S5	55897	"I5" and @pd<"20032017"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:53
S6	103312	"I4" and @pd<"20032017"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:53
S7	1526	222/135.ccls. and @pd<"20030217"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:54

## EAST Search History

S8	17	S7 and pressure sensor	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:55
S9	6	S7 and (multichannel or multi channel or multi-channel)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:57
S10	42328	pipette	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 11:57
S11	22526	S10 and @pd<"20030217"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 12:01
S12	3800	422/100.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 12:01
S13	952	S12 and multi	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 12:01
S14	457	S13 and @pd<"20030217"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 12:12

## EAST Search History

S15	1140	73/37.ccls.	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 12:16
S16	42328	pipette	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 12:16
S17	2156	422/99.ccls.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:28
S18	179	422/99.ccls. and dispenser	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:30
S19	558	422/100.ccls. and dispenser	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:14
S20	298	S19 and @pd<"20030217"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:31
S21	374	S19 and @pd<"20040212"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:33
S22	208	S21 and motor	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:51
S23	0	S22 and (sensor near syringe)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:39
S24	3	S22 and (sensor near syringe)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:39
S25	241	dispenser and detect near pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:59
S26	1	dispenser and (detect near pressure near pipette)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:52
S27	72	pipette and detect near pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 12:59

## EAST Search History

S28	0	S19 and detect near5 (presure) and syringe	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:15
S29	0	S19 and detect near5 (presure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:15
S30	22	S19 and detect near5 (pressure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:18
S31	14	S30 and @pd<"20040217"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:23
S32	7	pipette and (detect near internal pressure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:31
S33	1	(NISHINO-MITSUO).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:28
S34	0	("STACK-SYSTEM-CO.-LTD").in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:29
S35	0	(STACK-SYSTEM).in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:29
S36	0	(STACK-SYSTEM "CO.").in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:29
S37	0	("STACK-SYSTEM-CO.").in.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 13:30
S38	7	pipette and (detect near internal pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 13:31
S39	11	syringe and (detect near internal pressure)	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 13:40

## EAST Search History

S40	23	"5935859"	US-PGPUB; USPAT; USOCR; FPRS; EPO; JPO; DERWENT; IBM_TDB	ADJ	ON	2007/04/30 13:40
S41	0	microarray plate and dispensing device	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:12
S42	319	microtiter plate and dispensing device	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:12
S43	132	S42 and @pd<"20040217"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:29
S44	1189	syringe and air inlet	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:29
S45	715	S44 and @pd<"20030217"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:29
S46	814	S44 and @pd<"20040217"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:36
S47	3	"6244119"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:38
S48	59	multichannel and pipette adj3 array	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:39
S49	38	S48 and @pd<"20040217"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:39



## EAST Search History

S50	93	("20020189324"   "20020189373"   "3095120"   "3756078"   "3818757"   "3935735"   "4003243"   "4025846"   "4166388"   "4204427"   "4208909"   "4235106"   "4326851"   "4341736"   "4347740"   "4347741"   "4442719"   "4446744"   "4459857"   "4475406"   "4499640"   "4499641"   "4515015"   "4536711"   "4551785"   "4589077"   "4676100"   "4739492"   "4778451"   "4790378"   "4850805"   "4864857"   "4970468"   "4977786"   "4988975"   "5013529"   "5045286"   "5048335"   "5049878"   "5083470"   "5121632"   "5212992"   "5245873"   "5304347"   "5311769"   "5341100"   "5365783"   "5428997"   "5443791"   "5451940"   "5468453"   "5493922"   "5495130"   "5499545"   "5512247"   "5529754"   "5546005"   "5550059"   "5554937"   "5559339"   "5582798"   "5600997"   "5610527"   "5611240"   "5612227"   "5639426"   "5648727"   "5662388"   "5665601"   "5672050"   "5675259"   "5715786"   "5739598"   "5750881"   "5814275"   "5843378"   "5855851"   "5919706"   "5973415"   "6016697"   "6060320"   "6062091"   "6073488"   "6100094"   "6121049"   "6148666"   "6158269"   "6161956"   "6283719"   "6478547"   "6490920"   "6551558").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:58
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## EAST Search History

S51	93	("20020189324"   "20020189373"   "3095120"   "3756078"   "3818757"   "3935735"   "4003243"   "4025846"   "4166388"   "4204427"   "4208909"   "4235106"   "4326851"   "4341736"   "4347740"   "4347741"   "4442719"   "4446744"   "4459857"   "4475406"   "4499640"   "4499641"   "4515015"   "4536711"   "4551785"   "4589077"   "4676100"   "4739492"   "4778451"   "4790378"   "4850805"   "4864857"   "4970468"   "4977786"   "4988975"   "5013529"   "5045286"   "5048335"   "5049878"   "5083470"   "5121632"   "5212992"   "5245873"   "5304347"   "5311769"   "5341100"   "5365783"   "5428997"   "5443791"   "5451940"   "5468453"   "5493922"   "5495130"   "5499545"   "5512247"   "5529754"   "5546005"   "5550059"   "5554937"   "5559339"   "5582798"   "5600997"   "5610527"   "5611240"   "5612227"   "5639426"   "5648727"   "5662388"   "5665601"   "5672050"   "5675259"   "5715786"   "5739598"   "5750881"   "5814275"   "5843378"   "5855851"   "5919706"   "5973415"   "6016697"   "6060320"   "6062091"   "6073488"   "6100094"   "6121049"   "6148666"   "6158269"   "6161956"   "6283719"   "6478547"   "6490920"   "6551558").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:58
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## EAST Search History

S52	93	("20020189324"   "20020189373"   "3095120"   "3756078"   "3818757"   "3935735"   "4003243"   "4025846"   "4166388"   "4204427"   "4208909"   "4235106"   "4326851"   "4341736"   "4347740"   "4347741"   "4442719"   "4446744"   "4459857"   "4475406"   "4499640"   "4499641"   "4515015"   "4536711"   "4551785"   "4589077"   "4676100"   "4739492"   "4778451"   "4790378"   "4850805"   "4864857"   "4970468"   "4977786"   "4988975"   "5013529"   "5045286"   "5048335"   "5049878"   "5083470"   "5121632"   "5212992"   "5245873"   "5304347"   "5311769"   "5341100"   "5365783"   "5428997"   "5443791"   "5451940"   "5468453"   "5493922"   "5495130"   "5499545"   "5512247"   "5529754"   "5546005"   "5550059"   "5554937"   "5559339"   "5582798"   "5600997"   "5610527"   "5611240"   "5612227"   "5639426"   "5648727"   "5662388"   "5665601"   "5672050"   "5675259"   "5715786"   "5739598"   "5750881"   "5814275"   "5843378"   "5855851"   "5919706"   "5973415"   "6016697"   "6060320"   "6062091"   "6073488"   "6100094"   "6121049"   "6148666"   "6158269"   "6161956"   "6283719"   "6478547"   "6490920"   "6551558").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:58
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## EAST Search History

S53	93	( "20020189324"   "20020189373"   "3095120"   "3756078"   "3818757"   "3935735"   "4003243"   "4025846"   "4166388"   "4204427"   "4208909"   "4235106"   "4326851"   "4341736"   "4347740"   "4347741"   "4442719"   "4446744"   "4459857"   "4475406"   "4499640"   "4499641"   "4515015"   "4536711"   "4551785"   "4589077"   "4676100"   "4739492"   "4778451"   "4790378"   "4850805"   "4864857"   "4970468"   "4977786"   "4988975"   "5013529"   "5045286"   "5048335"   "5049878"   "5083470"   "5121632"   "5212992"   "5245873"   "5304347"   "5311769"   "5341100"   "5365783"   "5428997"   "5443791"   "5451940"   "5468453"   "5493922"   "5495130"   "5499545"   "5512247"   "5529754"   "5546005"   "5550059"   "5554937"   "5559339"   "5582798"   "5600997"   "5610527"   "5611240"   "5612227"   "5639426"   "5648727"   "5662388"   "5665601"   "5672050"   "5675259"   "5715786"   "5739598"   "5750881"   "5814275"   "5843378"   "5855851"   "5919706"   "5973415"   "6016697"   "6060320"   "6062091"   "6073488"   "6100094"   "6121049"   "6148666"   "6158269"   "6161956"   "6283719"   "6478547"   "6490920"   "6551558").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 15:58
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## EAST Search History

S54	93	("20020189324"   "20020189373"   "3095120"   "3756078"   "3818757"   "3935735"   "4003243"   "4025846"   "4166388"   "4204427"   "4208909"   "4235106"   "4326851"   "4341736"   "4347740"   "4347741"   "4442719"   "4446744"   "4459857"   "4475406"   "4499640"   "4499641"   "4515015"   "4536711"   "4551785"   "4589077"   "4676100"   "4739492"   "4778451"   "4790378"   "4850805"   "4864857"   "4970468"   "4977786"   "4988975"   "5013529"   "5045286"   "5048335"   "5049878"   "5083470"   "5121632"   "5212992"   "5245873"   "5304347"   "5311769"   "5341100"   "5365783"   "5428997"   "5443791"   "5451940"   "5468453"   "5493922"   "5495130"   "5499545"   "5512247"   "5529754"   "5546005"   "5550059"   "5554937"   "5559339"   "5582798"   "5600997"   "5610527"   "5611240"   "5612227"   "5639426"   "5648727"   "5662388"   "5665601"   "5672050"   "5675259"   "5715786"   "5739598"   "5750881"   "5814275"   "5843378"   "5855851"   "5919706"   "5973415"   "6016697"   "6060320"   "6062091"   "6073488"   "6100094"   "6121049"   "6148666"   "6158269"   "6151955"   "6283719"   "6478547"   "6490920"   "6551558").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:02
S55	16	"6121049"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:06
S56	21	"5277333"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:07
S57	6	((("5277333") or ("5559339") or ("5550059") or ("5304347") or ("5013529") or ("5665601")).PN.	US-PGPUB; USPAT; USOCR	OR	OFF	2007/04/30 16:21
S58	25155	dispensing device	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:22
S59	12169	S58 and (aspirator or dispenser)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:22

## EAST Search History

S60	10164	S59 and @pd<"20042017"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:23
S61	10164	S59 and @pd<"20042012"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:23
S62	3	S61 and detect adj5 internal pressure	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:25
S63	39	S61 and air adj5 syringe	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/04/30 16:25
S64	63	dispenser and (sensor same internal pressure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:31
S65	5	aspirator and (sensor same internal pressure)	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:25
S66	12	"5016529"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:31
S67	41	"5013529"	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 09:32
S68	3	("3591056"   "4675130"   "4777832"   "4794085"   "5013529"   "5143819"   "5158748"   "5380486").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:19
S69	25	("3178266"   "3872730"   "3894438"   "3901656"   "3994687"   "4217798"   "4475411"   "4478095"   "4558603"   "4803050"   "4811611"   "4815325"   "4841818"   "4861553"   "4928539"   "4938929"   "4951512"   "4962041"   "4994240"   "5013529"   "5130254"   "5151184"   "5201794"   "5216926").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:20
S70	25	("3487696"   "3719086"   "3728079"   "3756459"   "3759667"   "3872730"   "3894438"   "3912452"   "4065973"   "4217780"   "4311484"   "4539855"   "4581583"   "4756201"   "4757437"   "4799393"   "4811611"   "4815325"   "4841786"   "5045286"   "5055408"   "5132088").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:20

## EAST Search History

S71	12	("3872730"   "4063460"   "4217780"   "4261205"   "4318885"   "4543101"   "4673404"   "4721137"   "4761268"   "4791821"   "4935020"   "5012845").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:20
S72	18	("2541272"   "2786468"   "3699348"   "4094195"   "4094197"   "4121465"   "4199543"   "4336000"   "4342341"   "4475666"   "4532969"   "4555957"   "4602517"   "4624148"   "4713974"   "4815632").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:20
S73	4	("3319840"   "4475666"   "4526294").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:21
S74	12	("0796925"   "1979428"   "2605763"   "3097763"   "3729022"   "4273257"   "4306670"   "4445626").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:22
S75	4	("0939198"   "2653746").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:22
S76	1	("2653746").URPN.	USPAT	ADJ	ON	2007/05/01 10:22
S77	19	("4445626").URPN.	USPAT	ADJ	ON	2007/05/01 10:22
S78	0	("D539147").URPN.	USPAT	ADJ	ON	2007/05/01 10:22
S79	30	("3926343"   "4252507"   "4273257"   "4445626"   "4485943"   "4694977"   "4944430"   "4962868"   "5141129"   "5219448"   "5709306"   "5876137"   "6273152"   "6667286"   "D249868"   "D303627"   "D310022"   "D318731"   "D366827"   "D406172"   "D425411"   "D428656"   "D433707"   "D434800"   "D461502"   "D461503"   "D468640"   "D511090"   "D511687"   "D513187").PN.	US-PGPUB; USPAT; USOCR	ADJ	ON	2007/05/01 10:22
S80	14	("5499545").URPN.	USPAT	ADJ	ON	2007/05/01 10:26
S81	0	"4528161" ". "	USPAT	ADJ	ON	2007/05/01 10:26
S82	0	"4528161" ". "	USPAT	ADJ	ON	2007/05/01 10:27
S83	12	"4528161"	USPAT	ADJ	ON	2007/05/01 10:29
S84	14	"6258324"	USPAT	ADJ	ON	2007/05/01 10:47
S85	7	"5367716"	USPAT	ADJ	ON	2007/05/01 10:48
S86	87	"4475666"	USPAT	ADJ	ON	2007/05/01 10:50
S87	47	"4681741"	USPAT	ADJ	ON	2007/05/01 10:58

## EAST Search History

S88	14	((("4261208") or ("4492317") or ("4551133") or ("4759750") or ("5139484") or ("5242408") or ("5244461") or ("5270685") or ("5295967") or ("5354273") or ("5459700") or ("5460609") or ("5628309") or ("5661245"))).PN.	USPAT	OR	OFF	2007/05/01 10:59
S89	4	((("5750881") or ("5503036") or ("6094966") or ("6589483"))).PN.	USPAT	OR	OFF	2007/05/01 11:17
S90	1	("5499545").PN.	USPAT	OR	OFF	2007/05/01 11:17